

Ross Lake National Recreation Area

PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting data and estimating visitor use statistics for **Ross Lake National Recreation Area**. These instructions are effective the date of issuance and will continue in effect unless changed by agreement between the NPS Social Science Program and the Park Superintendent.

Recreation Visits

1. An inductive loop is located at the east boundary on the westbound lane entering the park. The traffic count is multiplied by the persons-per-vehicle (PPV) multiplier in Table 1.
2. An inductive loop is located at the west boundary on the eastbound lane entering the park. The reduced traffic count is multiplied by the PPV multiplier in Table 1.
3. An inductive loop is located across the entrance road at Hozomeen. The traffic count is divided by two to adjust the count for vehicles entering and exiting the park. The adjusted traffic count is reduced for non-reportable vehicles (park staff), estimated as 124 per month. The reduced traffic count is multiplied by the PPV multiplier in Table 1.

Non-Recreation Visits

Non-recreation day use is estimated as 60 visitors per month.

Recreation Visitor Hours

1. The total recreation visitors is multiplied by one hour (1.0).
2. The number of overnight stays is multiplied by twenty-four hours (24.0) per overnight stay.

Non-recreation Visitor Hours

The total non-recreation day use visitors are multiplied by one hour (1.0).

Overnight Stays

Concessionaire Lodging - Ross Lake Resort, Inc., and the Environmental Learning Center

The number of overnight stays by guests.

NPS Campgrounds - Colonial Creek, Goodell Creek, Gorge Lake, Hozomeen, Newhalem Creek

The number of visitors staying overnight in tent or RV sites is multiplied by the PPV multiplier in Table 1.

NPS Backcountry - Miscellaneous hike-in, bus-in, and horseback ride-in

The number of visitors issued permits is multiplied 1.10 to estimate total backcountry use including those visitors who do not receive a permit.

NPS Miscellaneous - Upper and Lower Goodell Creek Group Campgrounds

The number of visitors staying overnight in tent or RV sites is multiplied by the PPV multiplier in Table 1.

Special Use Data

Line a. Traffic on Highway 20 eastbound

Line b. Traffic on Highway 20 westbound

Table 1
Persons-Per-Vehicle Multipliers by Month

MONTH	MULTIPLIER
September - May	2.1
June - August	2.4